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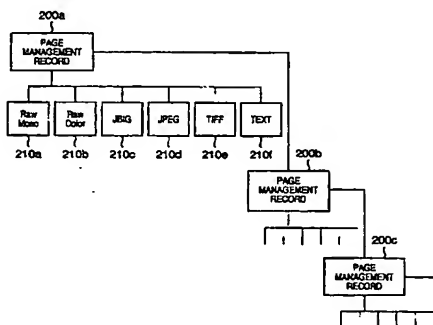
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(54) Title: **DATA PROCESSING APPARATUS AND DATA PROCESSING METHOD, AND COMPUTER PROGRAM**



(57) Abstract: This invention efficiently implements encoding processes corresponding to respective image processing functions while minimizing the memory use size in the apparatus in an image processing apparatus having many image processing functions. A data processing apparatus of this invention includes a data reception unit for receiving at least data of a first format for respective pages, a data conversion unit for converting the data of the first format into data of a second format, a page data management unit for managing the data of the first and second formats in first and second page data in association with each other, and a control unit for monitoring a storage state of the data of the first format in the memory, and permitting a predetermined process for the data of the first format in accordance with the storage state. When the control unit determines that storage of the data of the first format in the memory is complete, the control unit permits the data conversion unit to start a data conversion operation from the first format to the second format. Also, the control unit monitors completion of the conversion operation of the data conversion unit and a storage state of the data of the second format in the memory, and permits a predetermined process for the data of the second format in accordance with the storage state.